						-				
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF		TERBE LIMITS	RG >	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEOMS)	PERCENT	900
98	o+	STR.	CIONID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	#01STU	DAY	WATE	96 C	
	,									
5										
10				····						
15							_			
20										
25							_		-	
<i>30</i>									1	
35										
40						-	-		-	
45							ļ —	1	-	44
									88	
50									63	39
55			 			-	-		ļ	
60							-		100	85
65			T				T			
70			-				-		90	30
75										-

BORING L-I

SURFACE ELEVATION 564.1

SYM	iBOLS	DESCRIPTIONS	Eı
		STRIP MINE DEBRIS	•
			—560
			5 55
			55 0
			<i>—545</i>
			—540
			535
			—5 3 0
			525
	TOP OF	BEDROCK (SPOON FORMATION) GREENISH-GRAY SILTSTONE, FINE SANDY, MICACEOUS;	52O
	DARK B SIL FRA	INLY LAMINATED; WELL INDURATED BROWNISH-GRAY SHALE, CARBONACEOUS IN ZONES, LTY BELOW 47.0 FEET; THINLY LAMINATED; AGMENTED WITH NUMEROUS RANDOM SLICKENSIDES, BRITTLI	
	00	LED LIGHT GREENISH-GRAY AND GRAY SILTY SHALE, DOLO BLITIC GRANULES IN ZONES; THINLY LAMINATED RAINARD FORMATION)	MITIC
	A STATE OF THE PARTY OF THE PAR	MOTTLED GRAY COLOR GRADES OUT BELOW 56.5 FEET	510
			<i>—505</i>
		VERTICAL FRACTURE 63.7 TO 65.0 FEET	—500
		GRADES TO DARK GREENISH-GRAY SILTY SHALE BELOW 69.2 FEET, DOLOMITIC, LAMINATED, FISSILE VERTICAL FRACTURE 70.7 TO 71.5 FEET 45° FRACTURE AT 73.0 FEET	4 95
		NEAR VERTICAL FRACTURE 75.0 TO 75.5 FEET	490

BORING CONTINUED

BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-151

LOG OF BORING L-1 (SHEET 1 OF 4)

		E		TERBE		MTENI	2	: =	ء ا		BORING L-I CONTINUED	
115511	OTHER TESTS	SHEAR Strength PSF	Liguid		1 >	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT	998	BORING L-I CONTINUED	
5			 -	<u> </u>	12	-	\vdash	\mathbf{H}			SYMBOLS DESCRIPTIONS	
												-4
0			t			 	 	$\dag \uparrow$	96	94		
												48
ठ		 				T	T	\parallel				
									99	97		47
0							Γ				30° FRACTURE AT 93.2 FEET	
5								\coprod	_	_	JO INDUING AT JOIL LEET	4
٦												
o		ļ	_			<u> </u>	1	\prod	96	94		4
-												
5		-	-			_	1	\dashv	┢	\vdash		4
0			╂			<u> </u>	+	H	100	95	GRADES CALCAREGUS BELOW 110.0 FEET, ABUNDA PYRITE I" BASAL 4 INCHES	•
											GRAM SILTY LIMESTOME, FINE TO MEDIUM CRYSTALLINE CALCARENITIC IN ZOMES; THIN BEDDED, MUMEROUS IRREGULAR PARTIMES AND GRADATIONAL ZOMES OF C SHALE 1/10 TO 4 INCH, THICK SPACED 1/4 TO 6 IN HIGHLY FOSSILIFEROUS THROUGHOUT (FORT ATKINSON FORMATION)	ALCAREOUS
15		╂	-			+-	+	+	十	T	SHALE 1/10 TO 4 INCH, THICK SPACED 1/4 TO 6 IN THIS HIGHLY FOSSILL FEROUS THROUGHOUT (FORT ATKINSON FORMATION)	—- 4
											VERTICAL FRACTURE AT 113.7 TO 114.1 FEET	
20		-	+-			+	+	$\dagger \dagger$	99	97	100 E 100 E 10 C	4
											LIGHT GRAY TO BUFF PURE LIMESTONE, COARSELY CALC	CARENITIC.
25			+			1	†	\parallel	ſ		FOSSILIFEROUS; MEDIUM BEDDED, VERY THIN SHALE PARTINGS AND STYOLITES SPACE 1 TO 20 INCHES	
									99	96	2 INCH OPEN VUG WITH CALCITE LINING AT 126	5.3 FEET 4
30			1					T	7		1 INCH VUG AT 132.0 FEET	
7 <i>-</i>									L	1		4
35												
40							1		_ %	95	1/2 INCH VUG AT 139.5 FEET 1/4 INCH VUG AT 140.2 FEET	4
-0											NEAR VERTICAL FRACTURE FROM 143.0 TO 143.6	FEET
45	·		_			_	\bot	1	+	+	NEAR VERTICAL FRACTURE FROM 145.0 TO 145.0	4
-									97	95		
50	<u> </u>					\perp	\perp		∐ "		BORING CONTINUED	4

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FIGURE 2.5-151

LOG OF BORING L-1 (SHEET 2 OF 4)

		# H		L	ERBE IMITS	3	DNTEN	111	\$ 5	-5		BORING L-I CONTINUED	VAT! EET.
(FEET)	OTHER TESTS	SHEAR STRENGTH PSF	9	*	× = 2	MASTICITY INDEX	FIELD MOISTURE CONTENT	Y DENS	WATER LOSS (LUGEONS)	PERCENT	Q Die	SYMBOLS DESCRIPTIONS	ELEVATION (FEET)
150		•,	5	1	\$5	2 = .	9	ă	*	L		· gamenag	-415
												GRAY CALCAREOUS SILTSTONE; THINLY LAMINATED, HIGHL FOSSILIFEROUS IN NUMEROUS CLOSELY SPACED IRREGU WHITE BANDS; POROUS ZONE FROM 150.9 TO 152.5 FR	ILAR EET
155							<u> </u>			_		WITH 1/10 TO 1/2 INCH OPEN CAVITIES AND CHANNEL SPACED 1/4 TO 3 INCHES, LESS THAN 5% VOIDS (SCALES FORMATION)	410
25												COURT TOWN	
										94	94	GRADES LESS FOSSILIFEROUS BELOW 158.0 FEET	405
60			T						П			en August Land Ser Aug	<i>405</i>
												DARK GRAY SHALE, DOLOMITIC, FISSILE: LAMINATED, SILTY IN ZONES, INTERBEDDED GRADATIONAL LAYERS SILTY LIMESTONE 1 TO 3 INCHES THICK, SPACED 2 TO	OF. TO 18 INCHES
65			t				 	T	$\dag \uparrow$				-400
07			╁				 	╁	$\dag \uparrow$	90	87		<i>395</i>
												GRADES TO INTERBEDDED LAYERS OF SILTY LIMEST 8 TO 20 INCHES THICK, SPACED 5 TO 40 INCHES. BEDDED, FOSSILIFEROUS	ONE THIN
75			\downarrow		·····		-	╁	\dashv	-	\vdash	VERTICAL FRACTURE AT 173.3 TO 174.2 FEET	390
												The second secon	
30		ļ	\perp				<u> </u>	_	$\perp \downarrow$	100	95	Paradica states	385
35										L			<i>380</i>
9												INTERBEDDED LAYERS OF SILTY LIMESTONE GRADE OUT BELOW 185.7 FEET; OCCASIONAL 1 TO 3 INCH LAYER OF CALCAREOUS SHALE SPACED 2 TO 24 INC	!
	,									98			
0								T					<i>—375</i>
												20 TO 30° FRACTURES SPACED 1 TO 2 INCHES AT FEET; CALCAREOUS ZONES GRADE VERY THIN AND W	195.0
95			\dagger					T	H	T	Π	SPACED	<i>—370</i>
00			+				+	+	$\dag \dag$	100	93		<i>—365</i>
		-											
05		ļ	+				╁	╀-	╁	╀┈	╀	•	<i>—360</i>
10			1				<u> </u>	-	$\downarrow\downarrow$	96	96		355
15							<u> </u>		Ш	L	ot		7.50
13													3 <i>50</i>
										91	91		
?0		1	†				T	T	\prod	7"	"		345
25	L							1			+	BORING CONTINUED	3 4 0

BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-151

LOG OF BORING L-1 (SHEET 3 OF 4)

		#T.		TTERB		CONTENT	SITY	LOSS CAUS)	M.T MEO		BORING L-I CONTINUED	ELEVATION (FEET)
(FEET) 22	TESTS	SHEAR STRENGT) PSF	LIMIT	PLASTIC	PLASTICITY INDEX	FIELD MOISTURE CONTEN	DRY DENSITY	WATER L	PERCENT	ROD	SS DESCRIPTIONS SYMBOLS DESCRIPTIONS	—340
30									95	95		— <i>335</i>
35					•							330
ю									99	99	MOTTLED LIGHT GRAY AND BUFF DOLOMITIC LIMESTONE, F TO MEDIUM CRYSTALLINE, SILTY; THIN BEDDED, IRRE HAIRLINE SHALE PARTINGS SPACED 1/2 TO 4 INCHES (WISE LAKE-DUNLEITH FORMATIONS)	INE -325 GULAR
15											1/2 INCH VUGS SPACED 2 INCHES AT 243.3 FEET PARTIALLY FILLED WITH CALCITE 1/2 INCH VUG AT 245.5 FEET 1/10 TO 1 INCH VUGS SPACED 1/4 TO 2 INCH FRO 246.6 TO 246.9 FEET AND 247.0 TO 248.5 FEET	320
0									100	97		3/5
255			<u></u>				<u> </u>			<u> </u>	BORING COMPLETED AT 255.0 FEET ON 10-18-72	3/0

BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-151

LOG OF BORING L-1 (SHEET 4 OF 4)